

**Notice of Allowability**

Application No.

09/828,548

Examiner

Samson B. Lemma

Applicant(s)

BAUMAN ET AL.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 03/18/2005.
2. ☒ The allowed claim(s) is/are 1-27.
3. ☒ The drawings filed on 18 March 2005 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
  - \* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 05/23/2005.
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

### ***DETAILED ACTION***

1. Claims 1-27 have been amended..

### ***Allowable Subject Matter***

4. **Claims 1-27** are allowed.
5. The following is an examiner's statement of reasons for allowance:
6. With respect to **the independent claims 1,9,17,25 and 27** the art on the record, the combination of Bellovin and Liao discloses most of the limitation of the recited independent claims 1, 9, 17,25 and 27.  
  
However, the art on the record namely the combination of Bellovin and Liao does not disclose or suggest all the amended limitation of the respective independent claim 1,9,17,25 and 27 in particular **implementing a dual authentication procedure** before any access is permitted by a user to the network accessible system as recited in the respective independent claims.  
  
None of the prior art of record taken singularly or in combination teaches or suggests a method of providing secure access to console function **by implementing dual authentication procedure** with all the

limitations recited in respective independent claims in combination with the functional limitation "initiating a first sequence between a console device and a network accessible system to authenticate the console device as being authorized to connect to the network-accessible system to allow user access to the network-accessible system, wherein the first EKE sequence includes checking whether a device shared secret generated during previous access or the console device with the network-accessible system matches an associated shared secret stored on the network-accessible to which a console operation is desired enabled.

When the device shared secret matches the associated shared secret, initiating a second EKE sequence between the console device and the network-accessible system to authenticate a USERID and password of the user of the console device and Preventing access to the network-accessible system when either the first EKE sequence or the second EKE sequence fails to authenticate, wherein a dual authentication procedure is implemented before any access is permitted by a user to the network-accessible system" as recited in claim 1. And all the rest of

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**the independent claims recite similar limitation which includes a method of providing secure access to console function by implementing dual authentication procedure.**

For the reasons provided above, the amended independent claim

**1, 9, 17, 25 and 27 are allowed.**

7. The dependent claims, being further limiting to the independent claims, definite and enabled by the specification are also allowed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submission should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Samson B Lemma whose telephone number is 571-272-3806. The examiner can normally be reached on Monday-Friday (8:00 am---4:30 pm).

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, BARRON JR GILBERTO can be reached on. The fax phone number for the organization where this application or proceeding is assigned is 571-272-3799.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

SAMSON LEMMA

S.L.

05/23/2005

*Justin T. Darrow*  
JUSTIN T. DARROW  
PRIMARY EXAMINER